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18351 U.S. PTO

SOFER & HAROUN, L.L.P.
PATENT FILING TRANSMITTAL

ATTORNEY DOCKET NO: 773-005con

22581 U.S. PTO
10/812352

032904

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Box Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

PATENT FILING TRANSMITTAL

Transmitted herewith for filing is the Patent Application of:

**Hirokazu Ougi, Hideo Takashima, Hidenobu Taniguchi, Munetoshi Kouchi, Hiroshi Hayami,
Hajime Asada, and Hideki Harazaki**

For: **CRYPTOGRAPHIC COMMUNICATION METHOD, ENCRYPTION ALGORITHM SHARED
CONTROL METHOD, ENCRYPTION ALGORITHM CONVERSION METHOD AND NETWORK
COMMUNICATION SYSTEM**

TYPE OF FILING

This new patent application is for a(n):

- ☐ Utility
- ☐ Design
- ☐ Plant
- ☐ Divisional
- ☒ Continuation
- ☐ Continuation-in-part

Benefit of a prior filed application

- ☒ This is a continuation of co-pending application Serial No. 09/365,446 filed on August 2, 1999 claims the benefit of an earlier filed U.S. Patent Application under 35 USC 120.
- ☒ Please accord Applicant the benefit of the priority date of July 31, 1998 to this case pursuant to 35 USC 119. Applicant's claim for priority is based on application 10-217732 filed in Japan on that date.

Filing under 37 CFR 1.53 (Utility) or 37 CFR 1.153 (Design)

- ☒ This is an application filed pursuant to 37 CFR 1.53 or 37 CFR 1.153, permitting receipt of a filing date upon filing of a specification, at least one claim and necessary drawings.
- ☒ In the event any parts of this application are incomplete, please treat this as a filing under 37 CFR 1.53

CERTIFICATE OF MAILING (37 CFR 1.10(a))

CERTIFICATE OF MAILING BY "EXPRESS MAIL" - Rule 10: I hereby certify that this correspondence is being deposited with the U. S. Postal Service "Express Mail Post Office to Addressee" Service under 37 CFR 1.10 as Express Mail No. _____ addressed to the Commissioner of Patents & Trademarks, Washington, D.C. 20231 on _____ by _____.

Date:

3/29/04

Signed:

[Signature]

or 37 CFR 1.153.

ENCLOSURES

Minimum requirements under 37 CFR 1.53(b) (Utility) or 37 CFR 1.153 (Design)

- ☒ 117 pages of specification;
 - ☒ 15 pages of claims;
 - ☒ 1 pages of abstract;
 - ☒ 25 sheets of formal drawings;
 - ☐ A Declaration, Power of Attorney & Petition or listing of inventors;
- and
- ☒ A postcard for return to us as proof of receipt of the above documents.

plus

- ☐ An Assignment of the invention and an Assignment cover sheet;
- ☐ Verified Statement Claiming Small Entity Status (37 CFR 1.9(f) and 1.27(b))
- ☒ Form PTO-1449 (IDS) and copies of the references listed thereon;
- ☐ A certified copy of _____ (country) patent application number (priority document).
- ☐ A preliminary amendment;
- ☐ Declaration of Biological Deposit;
- ☐ Submission of sequence listing, computer readable copy and/or amendment relating thereto for biotechnology invention containing nucleotide and/or amino acid sequence;
- ☐ An associate power of attorney;
- ☐ Other.

DECLARATION OR OATH

The enclosed Declaration or Oath has been executed by:

- ☐ Inventor(s);
- ☐ Legal representative of the inventors (37 CFR 1.42 or 1.43);
- ☐ Joint inventor or person showing proprietary interest on behalf of an inventor who refused to sign or who cannot be reached and this is a petition required by 37 CFR 1.47 and the statement required by 37 CFR 1.47 is attached;
- ☐ Has not been executed and is enclosed for the purposes of identifying the inventors.

INVENTORSHIP STATEMENT

The inventorship for all the claims in this application is:

- ☒ the same;
- ☐ not the same and, as an explanation, a statement is/ will be submitted.

LANGUAGE

The application submitted herewith is:

- ☒ in English;
- ☐ in not in English and in terms of 37 CFR 1.52(d) a verified translation is
☐ attached

☐ not attached.

FEE CALCULATION

The filing fee has been calculated as shown below:

	SMALL ENTITY	OR	OTHER THAN A SMALL ENTITY
BASIC FEE Design Patent	\$170		\$340
BASIC FEE Utility Patent	\$385		\$770
EXTRA FEES	RATE	FEE	RATE FEE
TOTAL CLAIMS <u>20</u> MINUS 20 = 0	x 9 = \$		x 18 = \$
INDEP. CLAIMS <u>16</u> MINUS 3 = 13	x 43 = \$		x 86 = \$1118
<input type="checkbox"/> MULTIPLE DEP. CLAIM	+ 135 = \$		+ 270 = \$
<input type="checkbox"/> ASSIGNMENT	+ 40 = \$		+ 40 = \$
<input type="checkbox"/> RULE 53 SURCHARGE	+ 65 = \$		+ 130 = \$
TOTAL	\$ 0		\$ 1,888.00

FEE PAYMENT

- ☒ No Fee is Enclosed at this time.
☐ Attached is a check in the sum of \$_____ to cover the filing and the assignment fee.
☐ Please charge Account No. 19-2825 the sum of \$_____.

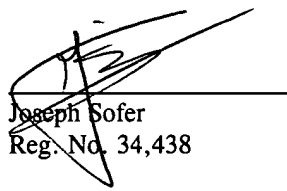
FEE DEFICIENCY

- ☐ The Commissioner is authorized to charge (or credit any overpayment) to deposit account No. 19-2825:
☐ Any additional filing fees required under 37 CFR 1.16, except Rule 53 filings, which will be paid within the time permitted by PTOL 1533.
☐ Assignment Recordal fees.
- ☒ The filing fee and surcharge under 37 CFR 1.16, patent application processing fees under 37 CFR 1.17 and patent issue fees under 37 CFR 1.18 are intended to be paid by our firm as they arise. As no abandonment is intended by any inadvertent nonpayment of fees, the Commissioner is hereby authorized to charge payment of such fees as from time to time come due, if not paid prior to due date to our Deposit Account No. 19-2825.
- ☐ A duplicate copy of this sheet is enclosed.

Respectfully submitted,

Dated: 3/29/04

SOFER & HAROUN, L.L.P.


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PATENT

Docket No. 773-005con

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) : Ougi et al.
Serial No. : Not yet assigned
Filed : March 29, 2004
For : CRYPTOGRAPHIC COMMUNICATION METHOD...
Examiner: Not yet assigned
Group Art Unit: Not yet assigned

EXPRESS MAIL CERTIFICATE

Express Mail Label No. EV310192215US

Date of Deposit March 29, 2004

I hereby certify that the following attached paper(s) or fee

- 1) Continuation Patent Application (132 pages)
- 2) Formal Drawings(Figs.1-25)
- 3) Patent Transmittal
- 4) Express Mail Certificate
- 5) Return Postcard,
- 6) IDS w/ Form PTO-1449
- 7) 6 References

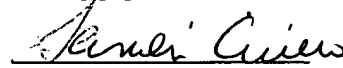
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C.F.R. §1.10 on the date indicated above and is addressed to the Commissioner of Patents and Trademarks,

Washington, D.C. 20231.

Sandria Cirillo

(Typed or printed name of person
mailing paper(s) or fee)



(Signature of person mailing
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